Response to Office Action of: 04/02/2008

Response Dated: 08/04/2008

Title: Injection-Molded Product And Its Use

App. No.: 10/595,940 Inventor: Eiji Kobayashi et al.

Examiner: Dennis H. Pedder

Amendment(s) to the Specification

Please replace paragraph [0018], as published, with the following rewritten

paragraph:

[0018] FIG. 1 is a front view showing a bumper for an automobile in an as-molded

state according to one embodiment of the present invention;

Please replace paragraph [0023], as published, with the following rewritten

paragraph:

[0023] FIG. 5 is a partial, enlarged, perspective view showing another example of the

hook, which is in an as-molded state;

Please replace paragraph [0029], as published, with the following rewritten

paragraph:

[0029] FIG. 1 is a front view showing a bumper for an automobile according to the

present invention, and FIG. 2 is a cross-sectional view taken along the line A-A in FIG.

1. As shown in FIG. 1, the automobile bumper 1 (simply referred to as "bumper"

hereinafter) of the present invention is an integral product obtained by injection-molding

a synthetic resin, which comprises an opening 2 for receiving a lower grille 4 (see FIG.

7, simply referred to as "grille" hereinafter). The grille 4 is inserted into the opening 2

from the rear side of the bumper 1. As shown in FIG. 2, the opening 2 extends

horizontally from the front side to the rear side of the bumper 1, and pluralities of hooks

3 engageable with a grille 4 are connected to a rear edge 12 of the opening 2 via thin

hinges 31 such that said hooks extend from the rear edge of the opening substantially

perpendicularly to a parting direction (B) of an associated injection molding die. Each

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hook 3 comprises a nail 3a projecting from its end toward the rear side of the bumper 1

and in a direction substantially parallel to the parting direction (B) of the associated

injection molding die, such that the nail 3a is received in a hole of each attachment

projecting from an edge of the grille 4 to fix the grille 4 to the bumper 1. Because the

bumper 1 is made of a flexible synthetic resin such as polypropylene, etc., the hook 3

formed in the body 11 of the bumper 1 via the thin hinge 31 is swingable about the

hinge 31.

Please replace paragraph [0034], as published, with the following rewritten

paragraph:

[0034] FIGS. 5 and 6 show another example of the hook 3. The hook 3 is

substantially the same as shown in FIGS. 3 and 4, except that it comprises a through-

hole 3b in the hook 3 that extends in a direction substantially parallel to the parting

direction (B) of an associated injection molding die. The through-hole 3b receives a

projection 42 formed on the edge of the grille 4 shown in FIG. 7. Because the axis of the

through-hole 3b is in alignment with the axial direction of the bumper 1 (parting direction

(B) of the die) in an as-molded state (FIG. 5), it is easy to remove the injection-molded

bumper from the die as mentioned below. Further, when the hook 3 is kept substantially

in alignment with the bumper body 11 by the engagement of the lateral projections 32,

32 with the steps 13, 13 as shown in FIG. 6, the axis of the through-hole 3b is in

alignment with the vertical direction of the bumper 1 (perpendicular to the opening 2).

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